

Work Order ID 95607

95607

Page 1

January 15, 2013 1:54:42 PM

Item ID: D4735-1

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Scuff Plate

Start Date: 1/15/13 Start Qty: 20.00

20

Cust Item ID:

Required Date: 1/31/13 Req'd Qty: 20.00

20

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID	Operation	Hours	Reject Qty	Reject Number	Insp. Stamp
Work Center ID	Description				

Draw Nbr	Revision Nbr
D4735	A

100 0.00

100

Purchasing

Memo

Purchasing

Issue P/O: 18838
Make as per Dwg D4735
Possible Supplier: G.F.Y.
Material release note is required

110 Receive & Inspect for Damage & Mat'l Certs 0.00

110

Packaging

Memo

Packaging

120 QC6- Inspect dimensions to drawing 0.00

120

QC

Memo

Quality Control

DAS
15
13-2-11

CL 13/01/16 (20)

13/2/6 (20)

20

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY												
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

Work Order ID 95607

95607

Page 2

January 15, 2013 1:54:42 PM

Item ID: D4735-1 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Scuff Plate
 Start Date: 1/15/13 Start Qty: 20.00 *20* Cust Item ID:
 Required Date: 1/31/13 Req'd Qty: 20.00 *20* Customer:
 Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: _____ Memo	0.00 0.00	PPP9567 95767			20x		80 13-2-12	
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00						13/2/14	

MCW 1302-13

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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Picklist Print

January 15, 2013 1:54:42 PM

Page 1

Work Order ID: 95607

Parent Item: D4735-1

Parent Item Name: Scuff Plate

Start Date: 1/15/13

Required Date: 1/31/13

Start Qty: 20.00

Required Qty: 20.00

Comments: IPP REV:A 12.11.01 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4735-1P Scuff Plate		Manufactured	No			110	Each	0.0000	1	20			

Rec 1/15/13 (20)

NCR: Yes / No

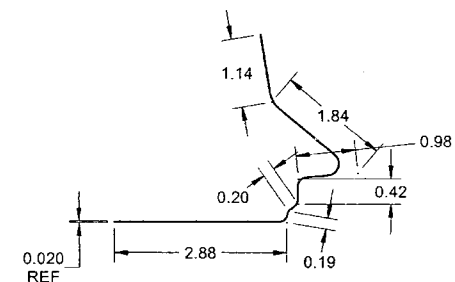
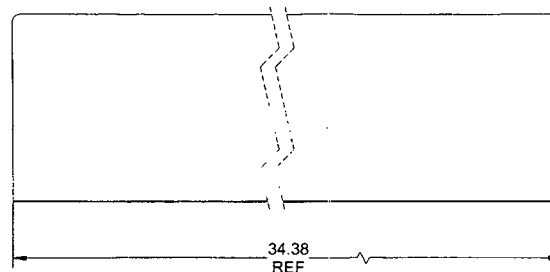
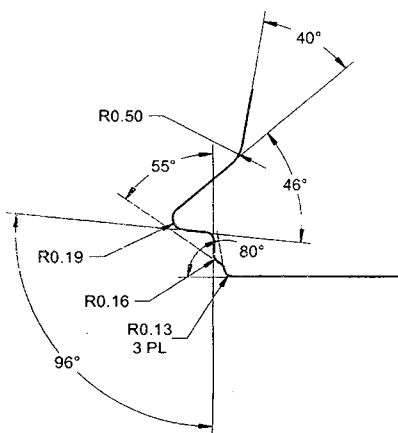
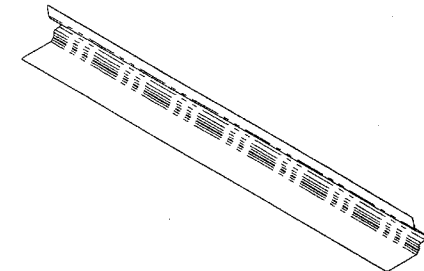
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QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION <div style="display: flex; justify-content: space-around;"> Rework <input type="checkbox"/> Skid-tube <input type="checkbox"/> </div> <div style="display: flex; justify-content: space-around;"> Scrap <input type="checkbox"/> Machining <input type="checkbox"/> </div> <div style="display: flex; justify-content: space-around;"> Use-as-is <input type="checkbox"/> Thermoforming <input type="checkbox"/> </div> <div style="display: flex; justify-content: space-around;"> Work Order Update <input type="checkbox"/> Large Fab <input type="checkbox"/> </div>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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8 7 6 5 4 3 2 1



D4735-1 SCUFF PLATE

CA 13/01/15
W10.95607

RELEASED
13.01.04
ECN12-696

- NOTES:
- 1) MATERIAL: MAKE FROM D4735-1F FLAT PATTERN
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 1.40 lbs

A NEW ISSUE		RF 12.11.01	
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RF		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	12.11.01		

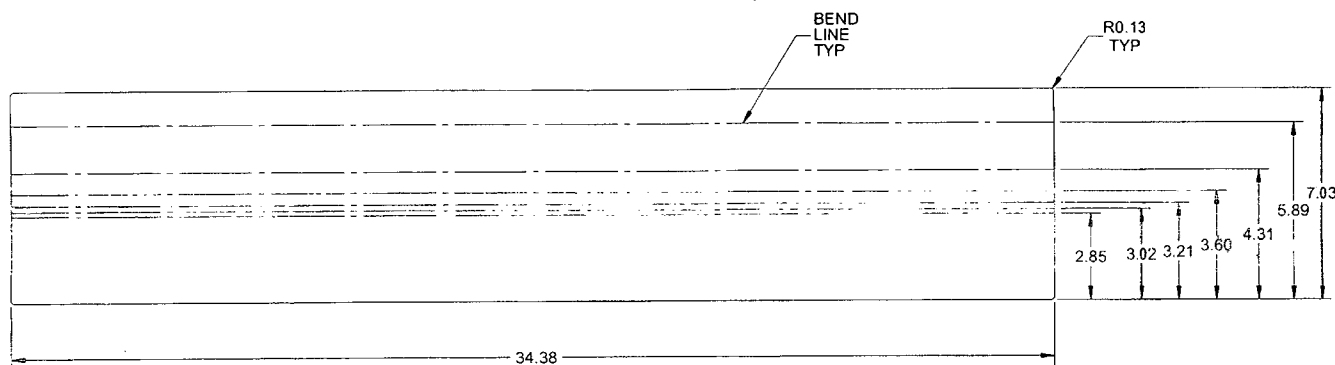
DART AEROSPACE USA, INC.
KENT, WA

DRAWING NO. **D4735** REV. A
SHEET 1 OF 2

TITLE **SCUFF PLATE** SCALE NTS

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NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.





8 7 6 5 4 3 2 1



D4735-1F FLAT PATTERN SCUFF PLATE

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ANNEALED 2B FINISH 0.020 (25 GAUGE) SHEET
PER MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240
PER DART SPEC. M304S25GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.40 lbs

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	KENT, WA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4735	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		SCUFF PLATE	NTS
DATE	12.11.01	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. NO REPRODUCTION OR DISSEMINATION OF ANY PART OF THIS DOCUMENT IS PERMITTED WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

RELEASED
15.01.04
ECN 12-646



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO18838**

Purchase Order Date 1/16/13

PO Print Date 1/16/13

Page Number 1 of 1

Order From :

VC-GFI001

GFI
180 AVENUE LABROSSE
POINTE CLAIRE, QC H9R 1A1
CA

Contact Name

Vendor Phone 514 630 4877

Vendor Fax 514 630 4849

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
613/611/1111

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D4735-1P.	Scuff Plate	2/06/13 Yes	20.00 Each	FedEx PI collect	\$110.0000	\$2,200.00

Special Inst: AS PER DWG D4735 REV. A
B95607

JMB

PO Total:

\$2,200.00

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 1/16/13

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required **YES** NO



180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.



BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON / SHIPPING MEMO NO.		PAGE
JR - DY	MO - MO	AN - YR			
04	02	13	0506677		1/1



VENDU À / SOLD TO

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

CODE CLIENT / CUSTOMER CODE	N° DE CONTRAT / JOB NO.	VOTRE N° DE COMMANDE / YOUR PURCHASE ORDER NO.	EXPÉDIÉ PAR / SHIP VIA
DART	GFI-0299	0262439	PO18838

QUANTITÉ / QUANTITY	N° DE PIÈCE / PART NO.	DESCRIPTION
---------------------	------------------------	-------------

20 D4735-1P

SCUFF PLATE

ITEM 1
C OF C REQ'D

MFG. JOB# 30260581-002 2 pcs.
30262439-001 QTY 18 pcs.

DUE DATE: 07 February 2013



EXPÉDITEUR / SHIPPER

N° DE BON DE LIVRAISON / SHIPPING MEMO NO.



REÇU PAR / RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION.
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO.	4	OUR JOB NO	J0262439	SHIPPING MEMO	0506677	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
-	20 PCS	PO18838	D4735-1P	A	SCUFF PLATE	A
MATERIAL		SUPPLIED BY		MAT. REL. NO.		
AMS 5911 304 1/4 HARD AND AMS 5513 304		SIGMA/ PRECISION SPECIALTY/ NORTH AMERICAN STAINLESS AND TITANIUM METALS/ ALLEGHENY LUDLUM		H/N D1R0 AND 980125		

	PROCESS	PROCESSOR	RELEASE NOTE #
1	FIRST ARTICLE INSPECTION REPORT ATTACHED	GFI	N/A
2	REF. GFI MANUFACTURING JOB NUMBER J0260581-002 (2 PCS) AND J0262439-001 (18 PCS)	GFI	
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 04 FEBRUARY 2013

G.F.I. Q.C. REP.

David Harris

Σ SIGMA AEROSPACE METALS, LLC.

365 Oser Ave. Hauppauge, NY 11788 USA

631-243-2100

800-471-7890

Fax: 631-231-7446

CERTIFICATE OF COMPLIANCE

DATE: 1/10/2013

COMPANY NAME: GFI INC.

PURCHASE ORDER #: 0081724

SIGMA INVOICE #: 614194 LINE # 1

~~SIGMA SALES ORDER #~~ 115949

ITEM DESCRIPTION: 304 1/2 HARD SHEET .020" AMS5911

SIZE: 24 x 36.375

QUANTITY SHIPPED: 4 PCS

HEAT #: D1R0

MILL SOURCE: PRECISION SPECIALTY METALS

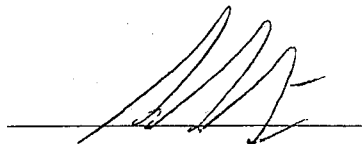
MATERIAL SPECIFICATIONS: AMS5911

NOTES:

THIS MATERIAL MEETS ALL SPECIFICATIONS LISTED.

THE WILLFUL RECORDING OF FALSE, FICTICIOUS OR FRAUDULENT STATEMENTS ON THIS DOCUMENT MAY RESULT IN PUNISHMENT AS A FELONY UNDER FEDERAL STATUTES.

THIS DOCUMENT CERTIFIES THAT ALL ITEMS NOTED ABOVE ARE IN CONFORMANCE WITH THE CONTRACT DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTATION. ALL REQUIRED PROCESS CERTIFICATION AND CHEMICAL AND PHYSICAL TEST REPORTS ARE ON FILE IN THIS FACILITY AND ARE SUBJECT TO REVIEW.



Greg Saladino
Quality Control Manager



METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificato: 767132 02

Mail To:

PRECISION SPECIALTY METALS, INC.
3301 MEDFORD STREET
LOS ANGELES, CA 90063

Study Test

PRECISION SPECIALTY METALS, INC.
3301 MEDFORD STREET
LOS ANGELES, CA 90063

Customer: 0065 500

Date: 9/05/2012 Page: 1

Steel: 304

Your Order: C64041

NAS Order: AN 0527625 01

Exhibit 2B

Corrosion: ASTM A261/02M; 180 bend-OK

PRODUCT DESCRIPTION:

DESCRIPTION:
STAINLESS STEEL COIL, C.R. ANNEALED & PICKLED; UNS 30400
ASTM A240/11b, A480/11b, A566/11; ASME SA240/11a, SA480/11a, SA566/11a
CHEM ONLY ON FOLLOWING ASME: A276/10, A479/11, A484/11, A312/11
CHEM ONLY ON FOLLOWING ASME: SA312/11, SA479/11
AMS 5513J TMRK; MIL-8-5059D AMENDS (X CROWN MEAS)
NACE MR0175/ISO 15156-3:2003 A, MRU103/07:Q99766D-A X MAG PERM
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; RoHS Compliant
Material is Free of Radioactive Contamination
NAS Steel Making Process: EAF, AOD, & Cont. Casting
Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001
*Melted & Manufactured in the USA; Mat'l is DFRAs Compliant

CHEMICAL ANALYSIS										
HEAT	CM (Country of Melt)	ES (Spain)	US (United States)	ZA (South Africa)	JP (Japan)	Chemical analysis per ASTM A751/08				
CM	AL %	B %	C %	CO %	CR %	CU %	MM %	MO %	N %	
DIRO	US	.0030	.0006	.0456	.1415	18.1295	.3215	1.6085	.1950	.0633
Lab Check:		< .0001	< .0001	.0472	.1380	18.0340	.3215	1.6100	.1940	.0637
	MM %	NI %	P %	S %	SI %					
		.0100	8.0660	.0335	.0010	.3270				
Lab Check:		.0090	8.0280	.0320	.0037	.3060				

MECHANICAL PROPERTIES

MECHANICAL PROPERTIES

Product ID #	Coil #	1 d o i c r	UTS KSI	.24 YS KSI	ELONG 4-2"	Hard RB	Tail Hard
03D1R0 B	03D1R0 B	F T	97.41	48.78	53.63	84.00	83.00

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

ERIC FESS

9/05/2012

DATE: 12/28/2012
PO #: 0081724

FROM: SIGMA AEROSPACE METALS
SO #: 115949

TO: GFI INC
PCS: 4 PCS.

Precision Specialty Metals, Inc
3301 Madford Street
Los Angeles, CA 90063

Certificate Of Test
Cert. # 107775-001

Date: 09/21/12
Page: 1

Sold To: 7440

Ship To: 0

Order Nbr: 107775

Specs: ASTM-A-666-10, AMS-5911-B

Cust. P.O.: 22454

Ln	Type	Fin	Temp	Thick	Width	Length	Job Nbr	Coil Nbr	Tst	Heat Nbr	Weight	Count
4	304	2B	1/2	.0200 In	36.000 In	Coil	35525	06534	3	DIR0	8,262 Lbs	2 COILS

Chemical Analysis

Heat#	C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Ti	Cb	Ta	N	Co	Al	B	Fe	Other	Supplier
DIR0	.045	1.61	.033	.0010	.33	18.23	8.07	0.19	0.32					.063	0.14				N A S

Mechanical Properties And Test Results

Coil#	Test #	Heat#	Tensile PSI	Yield PSI	%Elong in 2"	Hardness	Conv.	Bend	Test Angle	Grain Size	Kmbr	Lab#	Other
06534	3	DIR0	157200	129700	10	BON 55.7	RC 36	2XT	180			12-1049	

Other Tests and Comments

Coil	Test	Comment
06534	3	SURFACE ROUGHNESS: Ra 5 MICROINCHES
Notes:		CERTIFIED ALSO TO AMS-5904-B FOR TYPE 302

MELT COUNTRY OF ORIGIN: U.S.A.

(Continued on Next Page)

TO: GFI INC.
PCS: 4 PCS.

FROM: SIGMA AEROSPACE METALS
SO #: 115949

DATE: 12/28/2012
PO #: 0081724

Precision Specialty Metals, Inc
3301 Medford Street
Los Angeles, CA 90063

Certificate Of Test
Cert. # 107775-001

Date: 09/21/12
Page: 2

The absence of interleave paper can lead to surface damage. Precision Specialty Metals, Inc. will assume no liability for damage paper interleave prevents, on orders that prohibit paper interleave.

I hereby certify that the above figures are correct as contained in the records of the company and the material meets the specifications stated.

Frido Neiderman
Metallurgy Department

DATE: 12/28/2012
PO #: 0081724

FROM: SIGMA AEROSPACE METALS
SO #: 115949

TO: GFI INC.
PCS: 4 PCS.

ORDER NO.: 70498283 FROM: ATLA PAGE 1

CUST NUMBER: 1203148 NET WGT: 67.276 REQ. DATE: 01/29/13 CONFIRMED
SOLD TO: SHIP TO:
GFI INC GFI INC
180 AVE. LABROSSE 180 AVE LABROSSE
POINTE CLAIRE QC PIONTE CLAIR QC
CANADA CN H9R 1A1 CANADA CN H9R 1A1

SALESPERSON: DEANNA PIMM SHIP BY: 01/23/13
TERMS: 1% 10 NET 30 VIA: ROADWAY EXPRES
F.O.B.: SHIPPING POINT FREIGHT: COLLECT
CUST ORD NO.: 0081843 RELEASE NO.:
RECEIVING PHONE: 514 630-4877

LINE	ITEM	DESCRIPTION	WIDTH	LENGTH
0001	50867	304 S/S SHEET AMS 5513 .020	48	120
QTY:		2.000 EA	WT: 67.276 PC:	2 SHP: 67.276 LB

PART#: TS020481204A

** 1 TEST REPORTS REQUIRED **

** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00

PO: 49286276 HT: 980125 PC: 2 SLB/CL: 980125

MLT: UNITED STATES MFG: UNITED STATES

SHIP VIA YRC COLLECT

CLEAR CUSTOMS THRU CONSIGNEE'S BROKER: DHL GLOBAL FORWARDING

ISABELLE 514-734-4534 OR SYLVAIN 514-734-4527

FAX 514-344-8705

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE
OF THESE PRODUCTS ARE SET FORTH ON THE
REVERSE SIDE FOR YOUR CAREFUL REVIEW.

ORDER NO.: 70498283 FROM: ATLA PAGE 2

CUST NUMBER: 1203148 NET WGT: 67.276 REQ. DATE: 01/29/13 CONFIRMED
SOLD TO: SHIP TO:
GFI INC GFI INC
180 AVE. LABROSSE 180 AVE LABROSSE
POINTE CLAIRE QC PIONTE CLAIR QC
CANADA CN H9R 1A1 CANADA CN H9R 1A1

SALESPERSON: DEANNA PIMM SHIP BY: 01/23/13
TERMS: 1% 10 NET 30 175 TUBEWAY
F.O.B.: SHIPPING POINT FOREST PARK GA 30297
CUST ORD NO.: 0081843
VIA: ROADWAY EXPRES
FREIGHT: COLLECT
RELEASE NO.:
RECEIVING PHONE: 514 630-4877

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Electronically Generated Certificate-Valid without signature Date: 1/24/13

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE
OF THESE PRODUCTS ARE SET FORTH ON THE
REVERSE SIDE FOR YOUR CAREFUL REVIEW.

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 6168-4 1211

QUOT. GRP. NO. & DATE		CUST. CODE	ACCEPTING MILL	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
01021353		09/13/12 110977	VANDERGRIEF, PA.	556120	13020102060000	30-092-218	10/15/12
FORMS DISTRIBUTION		REPEAT ORDER	DO I RATE	PRI ORITY	MATERIAL		
SOLD TO → 1		82037-4	26		1124 VANDERGRIEF		
SHIP TO →		PRIME SEC.	DSO DSO		SHIP TO		
SOLD TO		DSO DSO			SHIP TO		
UNITED PERFORMANCE METALS		UNITED PERFORMANCE METALS			UNITED PERFORMANCE METALS		
3475 SYMMES ROAD		3475 SYMMES ROAD			3475 SYMMES ROAD		
HAMILTON		HAMILTON			HAMILTON		
OH 45015		OH 45015			OH 45015		

GRADE AND SPECIFICATIONS CARRIER - MPR SUPPLY CHAIN SOLUTION
 "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

ITEM PCS	DIMENSIONS W/G/L	HEAT #	COIL #	TEST #	GROSS TARE NET	THEO TAG #/ CD SKID #
001	1 48./020/5340.	980125	10012N850	8798028	18065 50 18015	893508
C CUST IDENTITY 00711						
1 SKID		18065 50 18015				

	--C--	--MN--	--P--	--S--	--SI--	--CR--	--NI--	--MO--	--CU--	--N--
HEAT 980125	.017	1.72	.034	.002	.43	18.16	8.07	.39	.51	.07
TEST LOCATION	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI
CHECK 8798028	.016	1.73	.033	.002	.42	18.20	8.05	.39	.51	.06
TEST LOCATION	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC

ITEM TEST NO	YIELD TENSILE & ELONG				CORROSION GRAIN			
	PSI *	PSI	IN 2"	% R/A	HARDNESS	BEND A 262 PR E	SIZE	HARDENABILITY
001 8798028	T 42700.	96000.	78.		67.HR30TW	T PASS PASS	9.	
TEST LOCATION	TC	TC	TC		TC	TC	TC	
* Y.S. BY 0.2% OFFSET METHOD								
ITEM TEST NO	CORROSION MELT		T-YIELD	P&W E-25				
	ISO 3651-2 SOURCE		1%	TRAN BEND				
	PASS 1.		48100.	2.				
001 8798028								
TEST LOCATION	TC		TC	TC				

REVIEWED BY Q.C.

Date 10-18-12 by PI

PAGE 01 - CONTINUED ON PAGE 02

CONSIGNEE-Please Note-This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or change is discovered, have a full description made by transportation agent on waybill before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-5980. CAUTION: Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

WARNING

Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-5980. Attention: les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgment.

Stephen Wolff - Director, Corporate Quality Assurance

10/15/12 09:57:29

UNITED PERFORMANCE METALS

This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following:

Size: 48 X 120
P.O.: M45286276
Part#: 50867
Sales #: 01198968
Quantity: 12

Description: 304L ANN 018-022 AMS5513
Customer: TW Metals
Shipped: 11/13/2012
Heat: 980125

Authorized Signature

Lynne Harper

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 6188-4 1211

CUST. ORD. NO. & DATE		CUST. CODE	ACCEPTING MILL	SHIPPER NO	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
01021353 09/13/12		110977	VANDERGRIFF, PA.	556120	13020102060000	30-092-218	10/15/12
FORMS DISTRIBUTION		REPEAT ORDER	DO RATE	PRI-ORITY	GOVT CONTRACT	SHIPPING LOCATION	INVOICE
SOLD TO 1 SHIP TO SOLD TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		82037-4	26			1124 VANDERGRIFF PA	659298
		PRIME SEC.	DSO DSO			SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015	

GRADE AND SPECIFICATIONS

CARRIER - MPR SUPPLY CHAIN SOLUTION

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

METALLOGRAPHIC MAGNIFICATION: 100X ETCHANT USED: OXALIC ACID

GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

FLAT NON-WELDED TEST PIECE WAS USED FOR ISO 3651-2 INTERGRANULAR CORROSION TEST. T1 SENSITIZATION HEAT TREATMENT WAS PERFORMED ON LOW CARBON AND STABILIZED GRADES.

DIN EN 10204:2005 - 3.1 ATI ALLEGHENY LUDLUM IS APPROVED AS A MANUFACTURER ACCORDING TO THE PRESSURE EQUIPMENT DIRECTIVE PED 97/23/EC.

MATERIAL WAS SOLUTION ANNEALED AT 1900F (1038C) MINIMUM FOR A TIME COMMENSURATE WITH THICKNESS AND RAPIDLY COOLED WITH AIR AND WATER.

ATI ALLEGHENY LUDLUM DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS.

NO WELDS/WELD REPAIRS PERFORMED.

WESTMORELAND MECHANICAL TESTING & RESEARCH, YOUNGSTOWN, PA (T7869) IS A GEAE S400 AND ISO/IEC 17025 APPROVED FACILITY.

PAGE 02 - CONTINUED ON PAGE 03

CONSIGNEE-Please Note-This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-5880. CAUTION: Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

WARNING

Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-5880. Attention: les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specifications. It is set forth in Allegheny Ludlum's Order Acknowledgement.

Stephen Wolf - Director, Corporate Quality Assurance

10/15/12 09:57:29

UNITED PERFORMANCE METALS

This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following:

Size: 48 X 120
P.O.: M49286278
Part#: 50887
Sales #: 0198668
Quantity: 12

Description: 304L ANN 018-022 AMS5513
Customer: TW Metals
Shipped: 11/13/2012
Heat: 980125

Authorized Signature
Lynne Harper

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 6188-4 1211

CLIST. ORD. NO & DATE	CLIST. CODE	ACCEPTING MILL	SHIPPER NO	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
01021353 FORMS DISTRIBUTION SOLD TO → 1 SHIP TO → SPEC →	09/13/12 110977	VANDERGRIFT, PA.	556120	13020102060000	30-092-218	10/15/12
GOVT CONTRACT	REPEAT ORDER 82037-4	DO RATE 26	PRI. ORTY	MATL. 1124	SHIPPING LOCATION PA	INVOICE 659298
PRIME SEC.	DSO DSO	SHIP TO	UNITED PERFORMANCE METALS	3475 SYMMES ROAD	HAMILTON OH 45015	

GRADE AND SPECIFICATIONS

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIRMENTS)

CARRIER - MPR SUPPLY CHAIN SOLUTION

THIS DIN EN 10204:2005 - 3.1 CERTIFICATE OF TEST SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATI AL HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI AL QUALITY MANUAL REVISION 20 DATED 02/24/2012.

ATI ALLEGHENY LUDLUM WORKS TO THE ROLLS ROYCE SABRE QUALITY MANAGEMENT SYSTEM.

QUALITY SYSTEM CERTIFIED ACCORDING TO PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, ANNEX I, 4.3 BY TUV SUD, INDUSTRIE SERVICE GMBH, (NOTIFIED BODY 0036).

ATI ALLEGHENY LUDLUM PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES:

C, S BY COMBUSTION/INFRARED
N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY
MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF
B BY OES
AL AND TI ($\geq 0.10\%$) BY WDXRF, OTHERWISE BY OES
PB, BI, AG BY GFAA

MATERIAL TESTED AT ATI ALLEGHENY LUDLUM GEAE S400 APPROVED FACILITIES (T1225 & T9317)
NATRONA HEIGHTS, PA TECHNICAL CENTER; BRACKENRIDGE, PA AND NEW BEDFORD, MA.

TEST REPORTS
ACCEPTED BY

DEC 28 2012

TW METALS

PAGE 03 - CONTINUED ON PAGE 04

CONSIGNEE- Please Note-This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent or waybill before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-5980. CAUTION: Processing that makes fumes, dust, or vapors may cause lung disease. See Material Safety Data Sheets for further information.

WARNING

Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-5980. Attention: les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Stephen Wolf - Director, Corporate Quality Assurance

UNITED PERFORMANCE METALS

This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following:

Size: 48 X 120
P.O.: M45285276
Part#: 50887
Sales #: 01196668
Quantity: 12

Description: 304L ANIN .018-.022 AMS5513
Customer: TW Metals
Shipped: 11/13/2012
Heat: 980125

Authorized Signature
Lynne Harper

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 6188-4 1211

CUST. ORD. NO & DATE		CUST. CODE	ACCEPTING MILL	SHIPPER NO	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
01021353 FORMS DISTRIBUTION		09/13/12 110977	VANDERGRIFF, PA.	556120	13020102060000	30-092-218	10/15/12
SOLD TO 1 SHIP TO SOLD TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		REPEAT ORDER 82037-4	DO RATE 26	PRI-ORITY	MATL 1124 VANDERGRIFF	SHIPPING LOCATION PA	INVOICE 659298
SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015							

GRADE AND SPECIFICATIONS

"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248G) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2011) (ASTM-A-240-12) (S-1000 DATED 8/1/2011) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B) (PWA 300 REV BK) (F-14, F-17, F-22, F-23, F-MASTER) (CONTROLLED TO PWA LCS REQUIREMENTS)

CARRIER - MPR SUPPLY CHAIN SOLUTION

ATI ALLEGHENY LUDLUM HOLDS SEVERAL QUALITY AND LABORATORY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, AD 2000-MERKBLATT WO, EU PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, NADCAP, ISO/EIC 17025, GEAE S400, GEAE S-1000. REFER TO WWW.ALLEGHENYLUDLUM.COM TO ACCESS THE CURRENT ATI AL QUALITY CERTIFICATIONS.

THE NUMERIC CODES SHOWN UNDER MELT SOURCE CAN BE INTERPRETED AS FOLLOWS:

1. - MATERIAL MELTED, ROLLED AND TESTED IN THE UNITED STATES.
2. - FOREIGN MELT; ROLLED AND TESTED IN THE UNITED STATES.

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:

MI = ATI-ALLEGHENY LUDLUM; 950 TENTH STREET; MIDLAND, PA 15059

TC = ATI-ALLEGHENY LUDLUM; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

TEST REPORTS
ACCEPTED BY

DEC 28 2012

TW METALS

PAGE 04 - FINAL PAGE.

ISSUED BY ATI ALLEGHENY LUDLUM - 10/15/2012 13:50
CARRIE MCFALL - QUALITY ASSURANCE DEPT.

CONSIGNEE: Please Note-This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, leave a full description made by transportation agent on waybill before signing.

Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-5980. CAUTION: Processing these metals fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

WARNING

Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-5980. Attention: les traitements entraînent la production de vapeurs, poussières, ou solutions pouvant être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of this on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Stephen Wolf
Director, Corporate Quality Assurance

UNITED PERFORMANCE METALS
This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following.

Size: 48 X 120
P.O.: M4528276
Part#: 50867
Sales #: 01198668
Quantity: 12

Description: 304L ANN 018-022 AMS5513
Customer: TW Metals
Shipped: 11/13/2012
Heat: 980125

Authorized Signature
Lynne Harper